

## Message Text

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ORIGIN OES-05

INFO OCT-01 EUR-12 ISO-00 PM-04 ERDA-05 ACDA-05 CIAE-00

INR-07 IO-11 L-03 NSAE-00 NSC-05 EB-07 NRC-05 FEAE-00

DODE-00 /070 R

DRAFTED BY OES/NET/IM:DHOYLE  
APPROVED BY OES/NET/IM:DHOYLE  
EUR/CE - R. CASAGRANDE  
EUR/CAN - D. KRUSE  
PM/NPO - J. MCGUINNESS  
ERDA - J.GARRETT  
EUR/RPE - G.WOLFE

----- 034999

P 191433Z JAN 76

FM SECSTATE WASHDC

TO AMEMBASSY BONN PRIORITY

INFO AMEMBASSY OTTAWA PRIORITY

USMISSION EC BRUSSELS

C O N F I D E N T I A L STATE 012827

E.O. 11652: GDS

TAGS: TECH, PARM, GW

SUBJECT:GERMAN HEAVY WATER SALES

REF: BONN 20473

1. FOLLOWING IS LIST OF SIGNIFICANT HEAVY WATER SUPPLIED  
BY U.S. FOR FRG FACILITIES:

CONTRACT NR. D20,PDS. CONTRACT DATE FACILITY/END USE

GES/4-----89,000----10/29/58-----RESEARCH REACTOR

-- -KARLSRUHE

GES/5-----24,200----6/7/61-----DIDO, JUELICH

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GES/49-----45,200----4/22/63-----MZFR

GES/62-----70,456----4/20/64----- MZFR, KARLSRUHE  
----- (39,913 RETURNED TO U.S.)  
GES/72-----,1/976----9/11/64----- FR-2 REACTOR KARLSRUHE  
EUS/161----- 22,000--- 9/29/67-----MZFR, KARLSRUHE  
EUS/162 ---- 365,160---4/30/68----- GFK-KKN/

-- -(100 MWE)  
EUS/255----- 13,228----10/24/69---- KKN REACTOR  
EUS/256----- 8,818 --- 10/24/69---- MZFR MAKEUP  
EUS/336----- 98,100 -- 6/29/71 -----MZFR MAKEUP

EUS 347-----4,500-----1/13/71 -----MZFR MAKEUP  
EUS 384----- 4,000-----2/8/73----- MZFR MAKEUP  
-- --2,000-----2/8/73----- MZFR  
-- --2,000-----2/8/73----- KKN

2. ALTHOUGH CONTRACTS NOMINALLY INDICATED TO BE WITH GERMANY (GES) OR WITH EURATOM SUPPLY AGENCY (EUS), THEY ACTUALLY WERE EXECUTED BY GERMAN GROUP RESPONSIBLE FOR PROJECT (E.G., CONTRACTS FOR KKN AND MZFR BY GFK, KARLSRUHE). WITH REGARD TO RETRANSFER, EACH CONTRACT CONTAINS LANGUAGE IDENTICAL WITH OR SIMILAR TO FOLLOWING: "THE HEAVY WATER SHALL BE RETAINED BY THE BUYER AND SHALL NOT BE TRANSFERRED TO UNAUTHORIZED PERSONS OR BEYOND THE JURISDICTION OF THE EUROPEAN ATOMIC ENERGY COMMUNITY EXCEPT AS THE PARTIES MAY MUTUALLY AGREE IN WRITING."

FURTHERMORE, THE SALE IS SUBJECT TO THE AGREEMENT FOR COOPERATION AND IS CONDITIONED ON SAFEGUARDS ALWAYS APPLYING TO THE HEAVY WATER. TYPICAL CONTRACT LANGUAGE FOLLOWS:

"THIS SALE SHALL BE SUBJECT TO, AND IN ACCORDANCE WITH THE TERMS AND CONDITIONS OF THE AGREEMENT FOR COOPERATION BY THE GOVERNMENT OF THE UNITED STATES OF AMERICA AND THE EUROPEAN ATOMIC ENERGY COMMUNITY CONCERNING THE CIVIL USES OF ATOMIC ENERGY, SIGNED IN WASHINGTON AND NEW YORK ON JUNE 11, 1960, AND AS IT MAY BE AMENDED OR SUPERSEDED FROM TIME TO TIME, IT BEING UNDERSTOOD THE SAFEGUARDS WILL ALWAYS APPLY TO HEAVY WATER TRANSFERRED HEREBY."  
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3. WE DO NOT REPEAT NOT CONSIDER IT FEASIBLE TO UTILIZE QUOTE ROUTINE CHANNELS END QUOTE TO OBTAIN THE DESIRED INFORMATION. IN ADDITION, IN LIGHT OF U.S. HEAVY WATER SUPPLY BEING SUBJECT TO AGREEMENT FOR COOPERATION, WE BELIEVE IT APPROPRIATE TO PURSUE MATTER AT GOVERNMENTAL LEVEL. IF, AS INFORMATION AVAILABLE TO US INDICATES, A SIGNIFICANT RETRANSFER OF U.S.-SUPPLIED HEAVY WATER FROM

FRG TO AN UNIDENTIFIED COUNTRY OR COUNTRIES IS CONTEM-  
PLATED, WE BELIEVE THAT USG HAS RIGHT TO EXPECT CONSULTA-  
TIONS PRIOR TO SUCH RETRANSFER ON BASIS OF AFOREMENTIONED  
CONTRACTUAL LANGUAGE. KISSINGER

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## Message Attributes

**Automatic Decaptioning:** X  
**Capture Date:** 01 JAN 1994  
**Channel Indicators:** n/a  
**Current Classification:** UNCLASSIFIED  
**Concepts:** SALES, DATA, EXPORTS, NUCLEAR AGREEMENTS, HEAVY WATER, NUCLEAR FUELS  
**Control Number:** n/a  
**Copy:** SINGLE  
**Draft Date:** 19 JAN 1976  
**Decaption Date:** 01 JAN 1960  
**Decaption Note:**  
**Disposition Action:** RELEASED  
**Disposition Approved on Date:**  
**Disposition Authority:** GolinoFR  
**Disposition Case Number:** n/a  
**Disposition Comment:** 25 YEAR REVIEW  
**Disposition Date:** 28 MAY 2004  
**Disposition Event:**  
**Disposition History:** n/a  
**Disposition Reason:**  
**Disposition Remarks:**  
**Document Number:** 1976STATE012827  
**Document Source:** CORE  
**Document Unique ID:** 00  
**Drafter:** DHOYLE  
**Enclosure:** n/a  
**Executive Order:** GS  
**Errors:** N/A  
**Film Number:** D760019-0933  
**From:** STATE  
**Handling Restrictions:** n/a  
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**Legacy Key:** link1976/newtext/t19760144/aaaabmqx.tel  
**Line Count:** 119  
**Locator:** TEXT ON-LINE, ON MICROFILM  
**Office:** ORIGIN OES  
**Original Classification:** CONFIDENTIAL  
**Original Handling Restrictions:** n/a  
**Original Previous Classification:** n/a  
**Original Previous Handling Restrictions:** n/a  
**Page Count:** 3  
**Previous Channel Indicators:** n/a  
**Previous Classification:** CONFIDENTIAL  
**Previous Handling Restrictions:** n/a  
**Reference:** 75 BONN 20473  
**Review Action:** RELEASED, APPROVED  
**Review Authority:** GolinoFR  
**Review Comment:** n/a  
**Review Content Flags:**  
**Review Date:** 29 JUL 2004  
**Review Event:**  
**Review Exemptions:** n/a  
**Review History:** WITHDRAWN <26 MAR 2004 by izenbei0, REFER TO DOE>; RELEASED <29 JUL 2004 by ShawDG>; APPROVED <09 AUG 2004 by GolinoFR>  
**Review Markings:**

Margaret P. Grafeld  
Declassified/Released  
US Department of State  
EO Systematic Review  
04 MAY 2006

**Review Media Identifier:**  
**Review Referrals:** n/a  
**Review Release Date:** n/a  
**Review Release Event:** n/a  
**Review Transfer Date:**  
**Review Withdrawn Fields:** n/a  
**Secure:** OPEN  
**Status:** NATIVE  
**Subject:** ERMAN HEAVY WATER SALES  
**TAGS:** TECH, PARM, GE, US  
**To:** BONN  
**Type:** TE  
**Markings:** Margaret P. Grafeld Declassified/Released US Department of State EO Systematic Review 04 MAY 2006